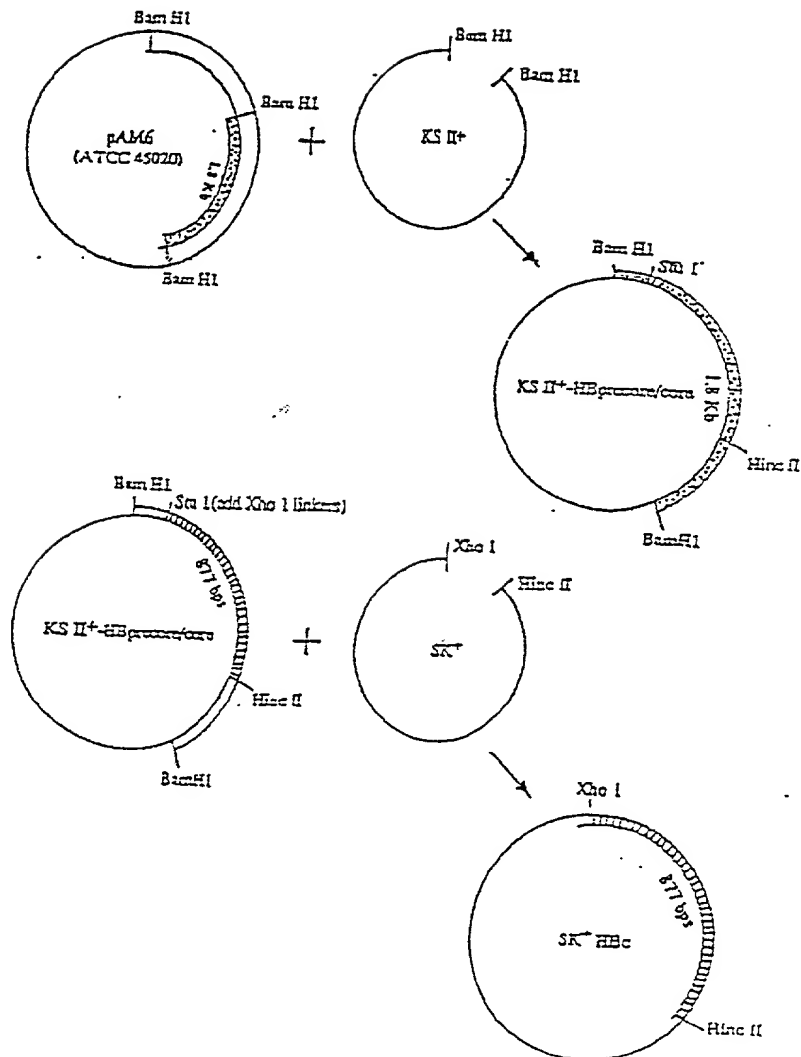


FIGURE 1

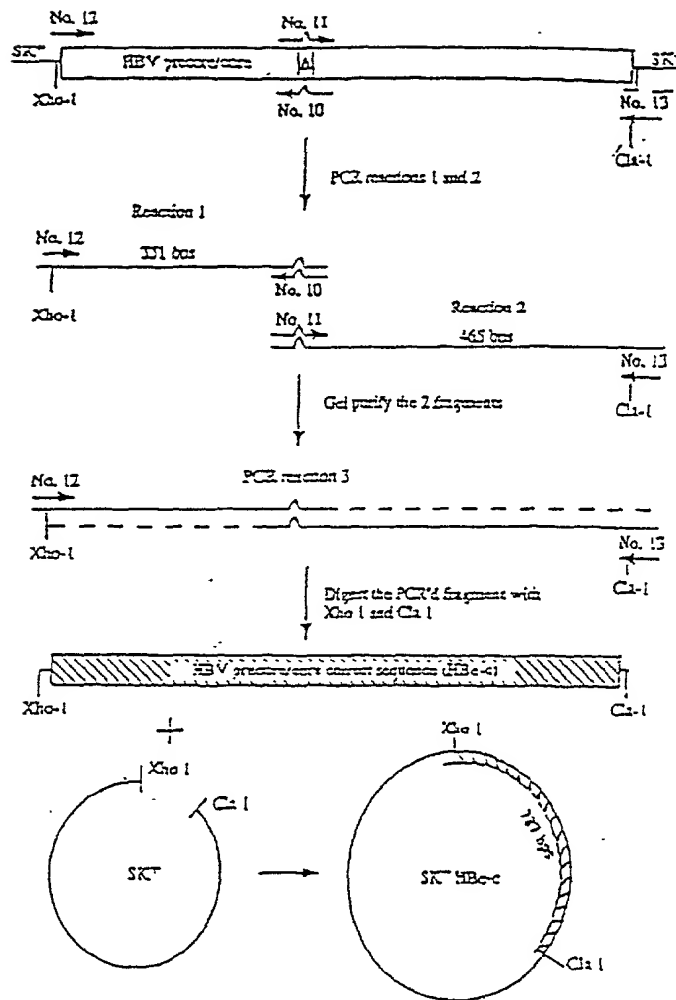


09821662.032904

[illegible]

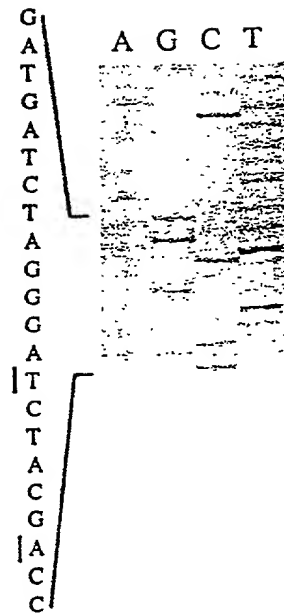
$\xrightarrow{\text{Pressure}}$
ATG CAA CTT TTT CAC CTC TGC CTA ATC ATC TCT TGT ACA TGT CCC
 ACT GGT CAA GCC TCC AAG CTG TGC CTT GGG TGG CTT TGG GGC ATG \rightarrow CCC
 GAC ATT GAC CCT TAT AAA GAA TTT GGA GCT ACT GTG GAG TTA CTC
 TCG TTT TTG CCT TCT GAC TTC TTT CTT TCC GTC AGA GAT CTC CTA GAC
 ACC GCC TCA GCT CTG TAT CGG GAA GCC TTA GAG TCT CCT GAG CAT
 TGC TCA CCT CAC CAC ACC GCA CTC AGG CAA GCC ATT CTC TGC TGG GGG
 GAA TTG ATG ACT CTA GCT ACC TGG GTG GGT AAT AAT TCG GAA GAT
 CC G CAT CCA GGG ATC TAG TAG
 CCA GCA TCT AGG GAT CTA GCA GTC AAT TAT GTT AAT ACT AAC ATG
 GGT TTA AAA ATT AGG CAA CTA TTG TCG TTT CAT ATA TCT TGC CTT
 ACT TTT GGA AGA GAG ACT GTA CTT GAA TAT TTG GTA TCT TTC GGA
 GTG TGG ATT CGC ACT CCT CCA GGC TAT AGA CCA CCA AAT GCC CCT
 ATC TTA TCA ACA CTT CCG GAA ACT ACT GTT GTT AGA CCA CCG GAC
 CGA GGC AGG TCC CCT AGA AGA AGA ACT CCG TCG CCT CGC AGA CGC
 AGA TCT CCA TCG CCG CGT CGC AGA AGA TCT CAA TCT CCG GAA TCT
 CAA TGT TAG

FIGURE 3



03901 29912860

FIGURE 4



FO6240" 299T2B60

FIGURE 5

| ELISA for HBe | | | | ELISA for HB core | |
|-----------------------------|---------------------|---------------|---------------------|------------------------------|---------------------|
| Sample Supernatant | ng/ml* (Incstar) | Sample Lysate | ng/ml* (Incstar) | Sample Lysate | ng/ml** (Abbott) |
| BC10ME | 0.0 | BC10ME | 0.0 | BC10ME | 0 |
| BC/HBe 1-10 | 38.0 | BC/HBe 1-10 | 24.8 | BC core 6621 | 750 |
| BL/6 | 0.0 | BL/6 | 0.0 | BL/6 | 0 |
| BL/6/HBe 1-12 | 27.2 | BL/6/HBe 1-12 | 26.0 | BL/6 core 6625 | 100 |
| LMTK- | 0.0 | LMTK- | 0.0 | LMTK | 0 |
| LM/HBe 1-3 | 24.8 | LM/HBe 1-3 | 18.1 | LM core 1-2 | 250 |
| EA2/K ^b | 0.0 | | | EA2/K ^b | 0 |
| EA2/K ^b /HBe 2-1 | 24.8 | | | EA2/K ^b core 1-2 | 38 |
| JA2/K ^b | 0.0 | | | JA2/K ^b | 0 |
| JA2/K ^b /HBe 2-3 | 22.4 | | | JA2/K ^b core 10-1 | 200 |

* Standard: rHBeAg (Biogen)

** Standard: rHBcAg (Biogen)

FIGURE 6

IMMUNOPRECIPITATION/WESTERN BLOT

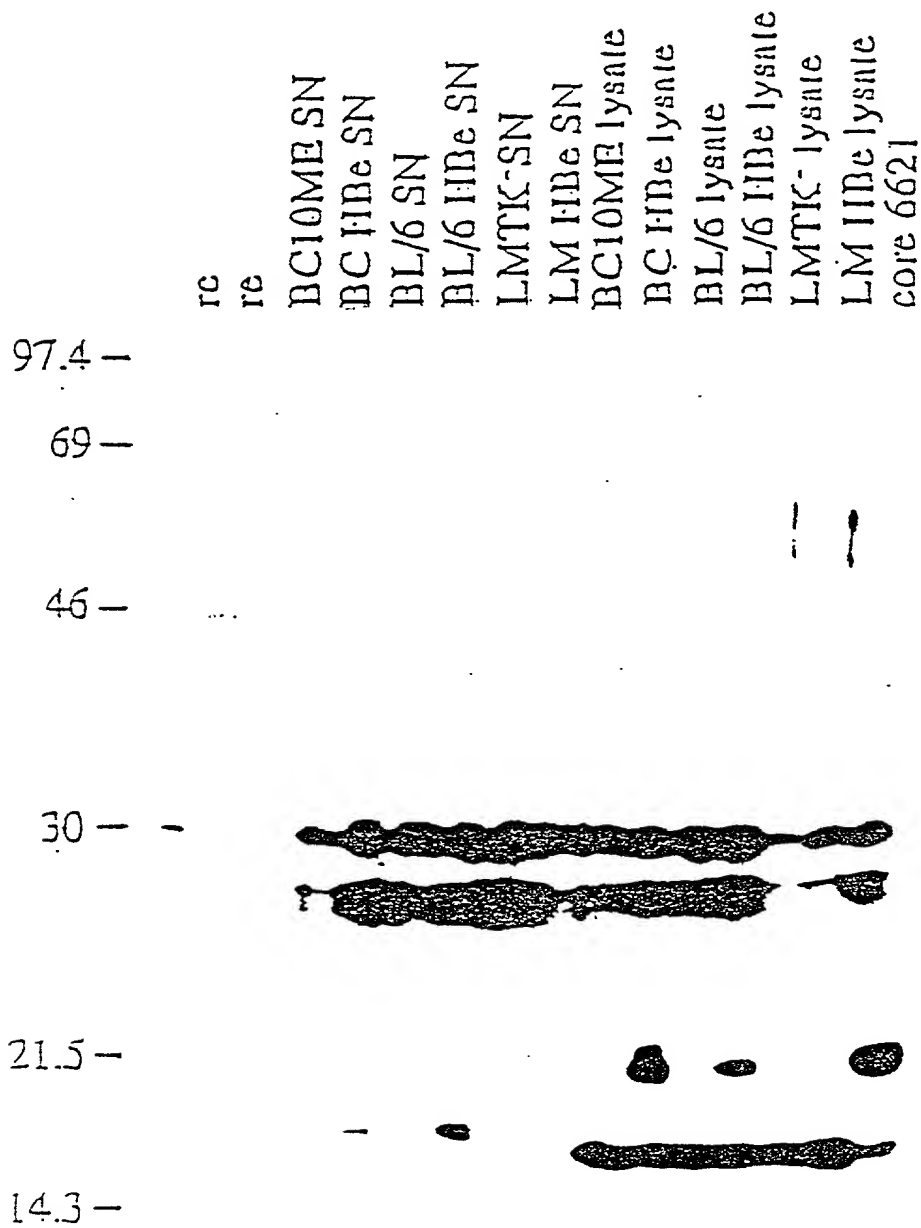


FIGURE 7 A

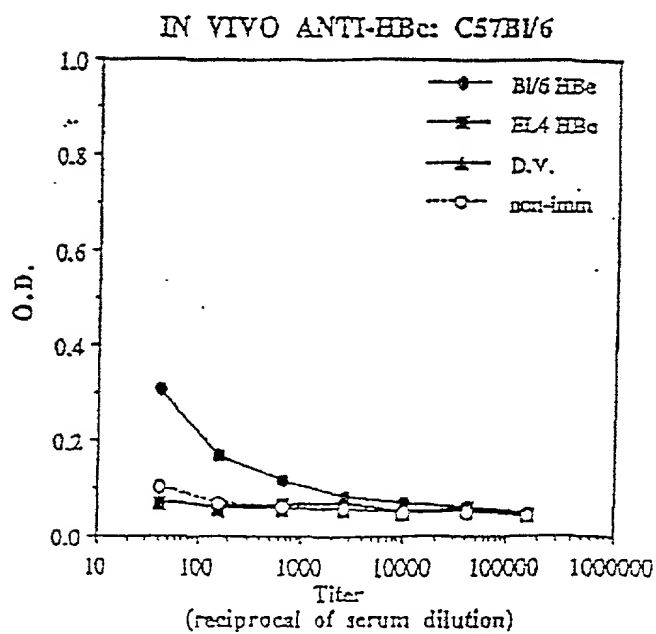
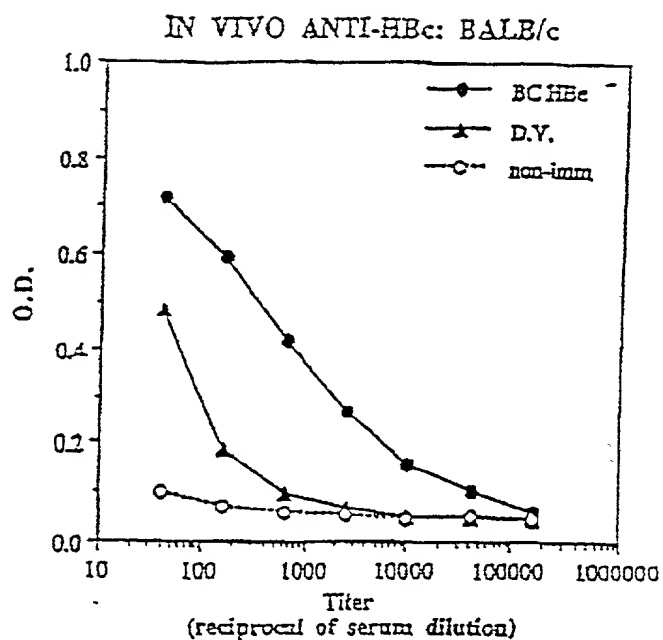


FIGURE 7 B

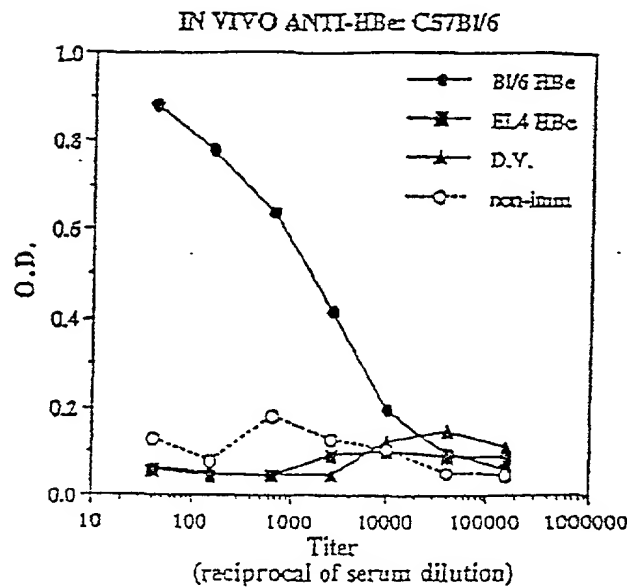
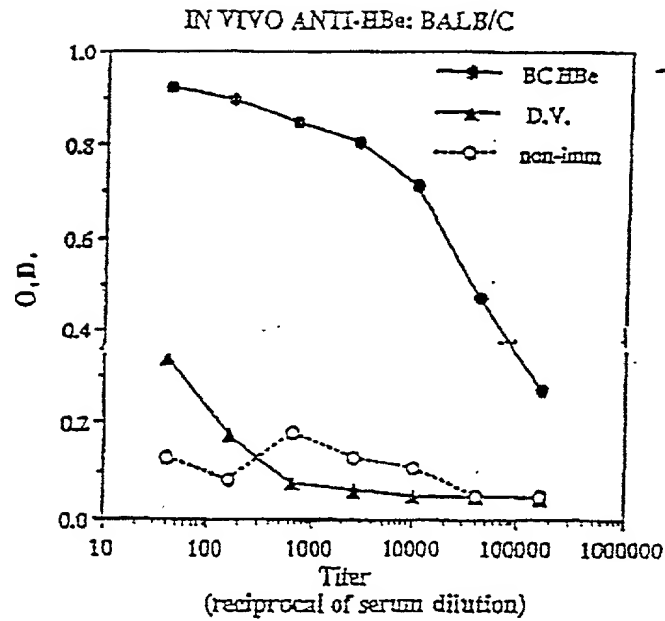


FIGURE 8

Cloning of KT my-IFN
into a Replication Defective Retroviral Vector

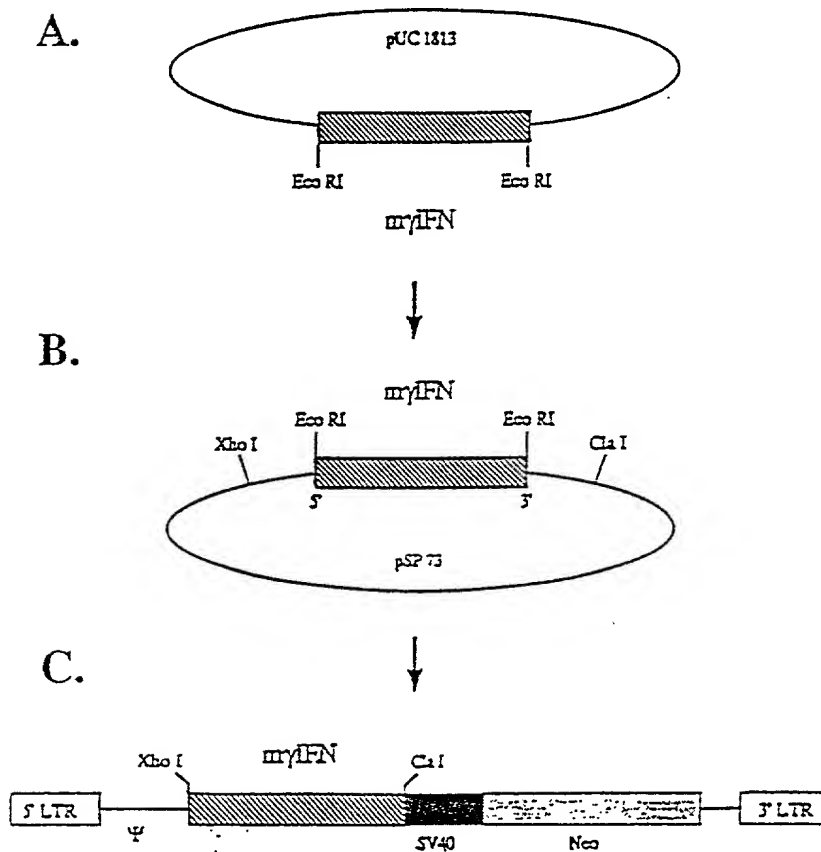


FIGURE 9

Western Blot Analysis of
MHC ClassI Protein Expression in
L33 and B16F10 Cell Lines

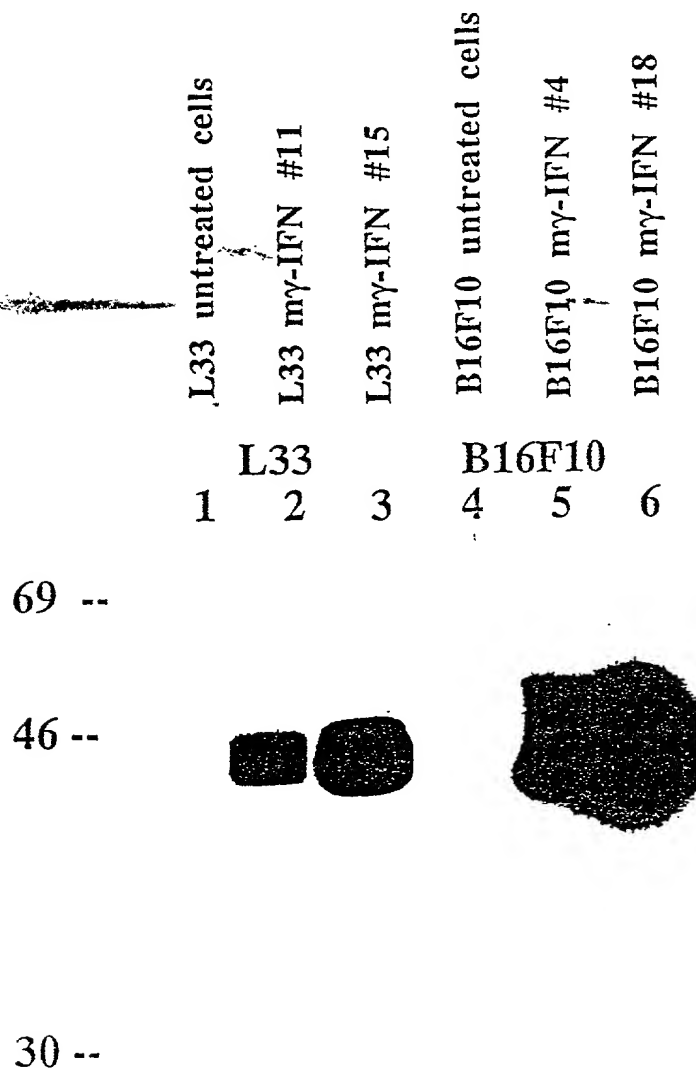


FIGURE 10

Construction of retroviral vectors pTK - 1 and pTK - 3

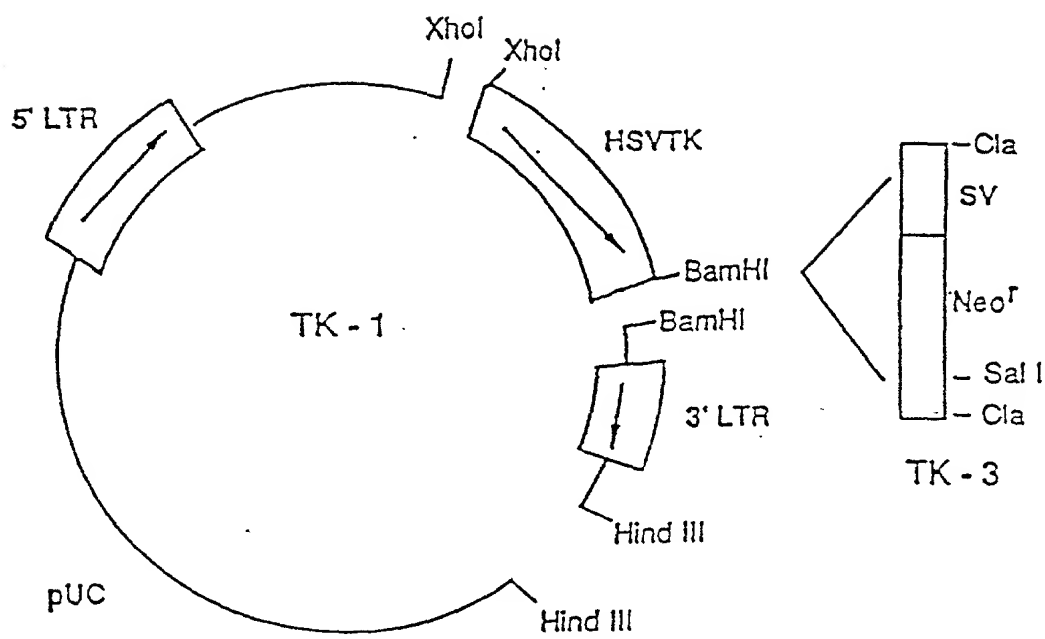
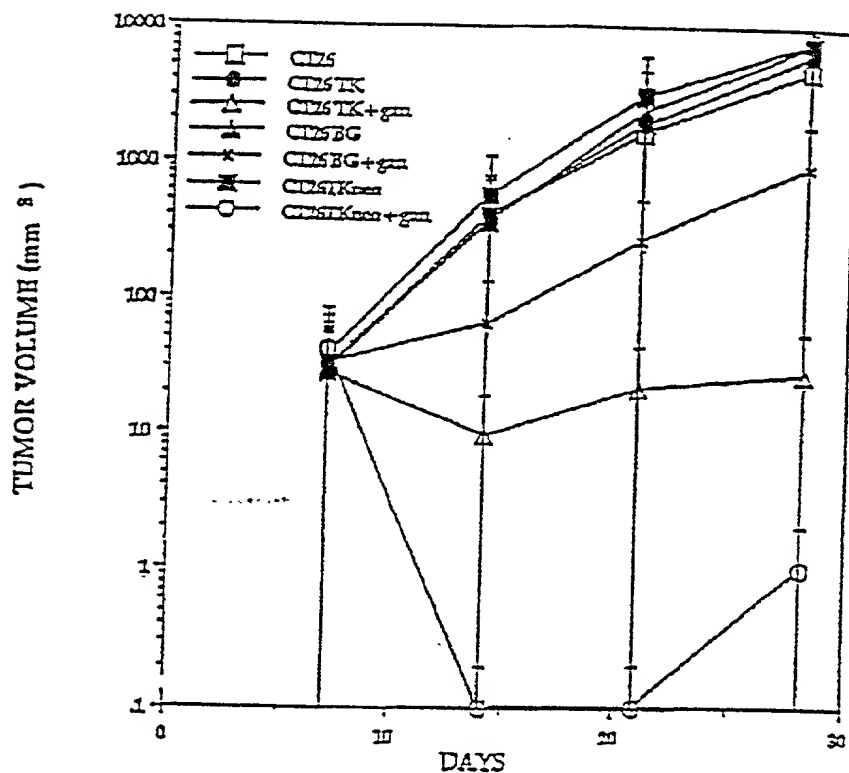


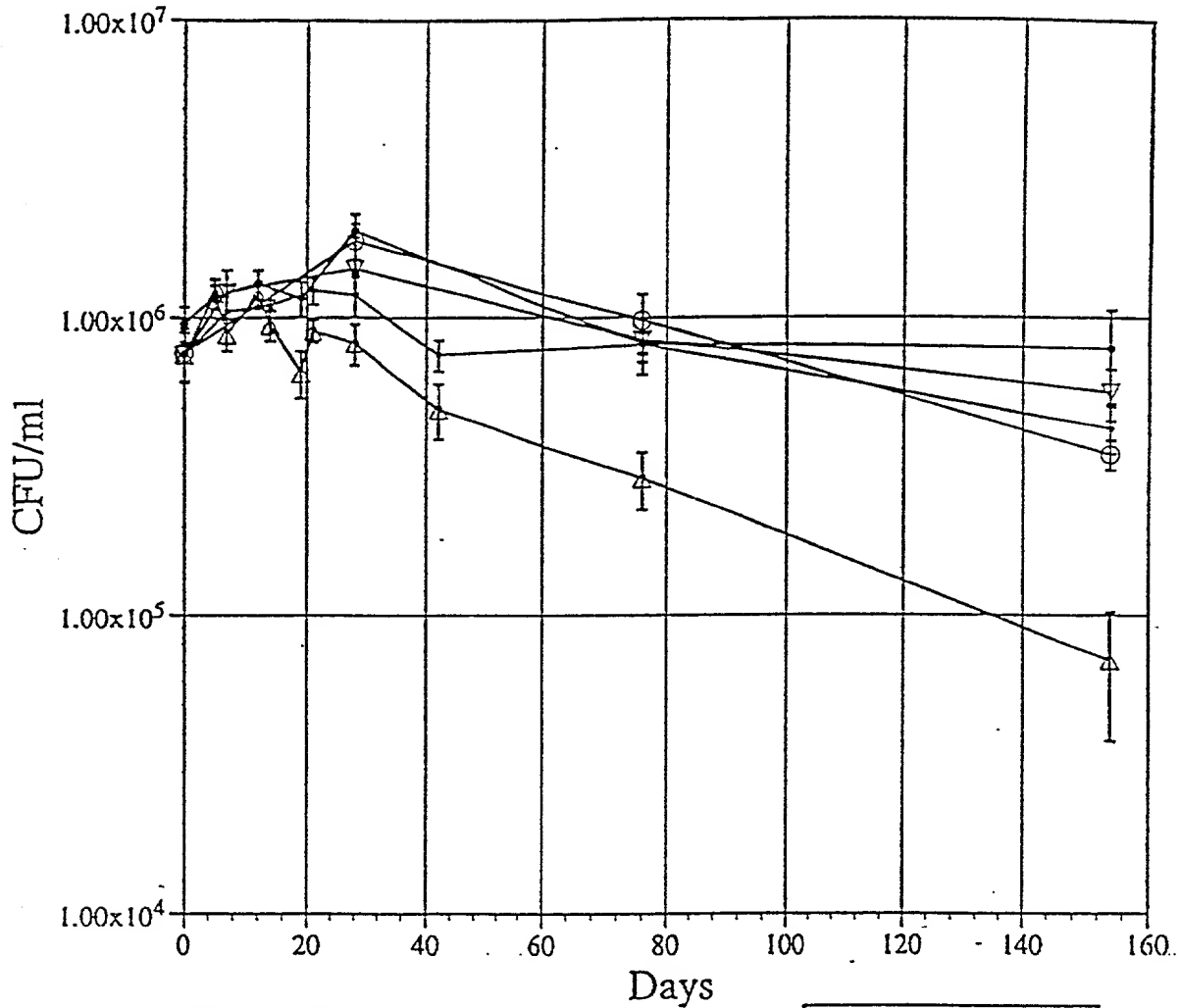
FIGURE 11



Ganciclovir Treatment of Murine Tumors Following *In Vivo*
Transduction of CT26 by Injection of TK-3 Virus

FIGURE 12

Lactose Stability Study



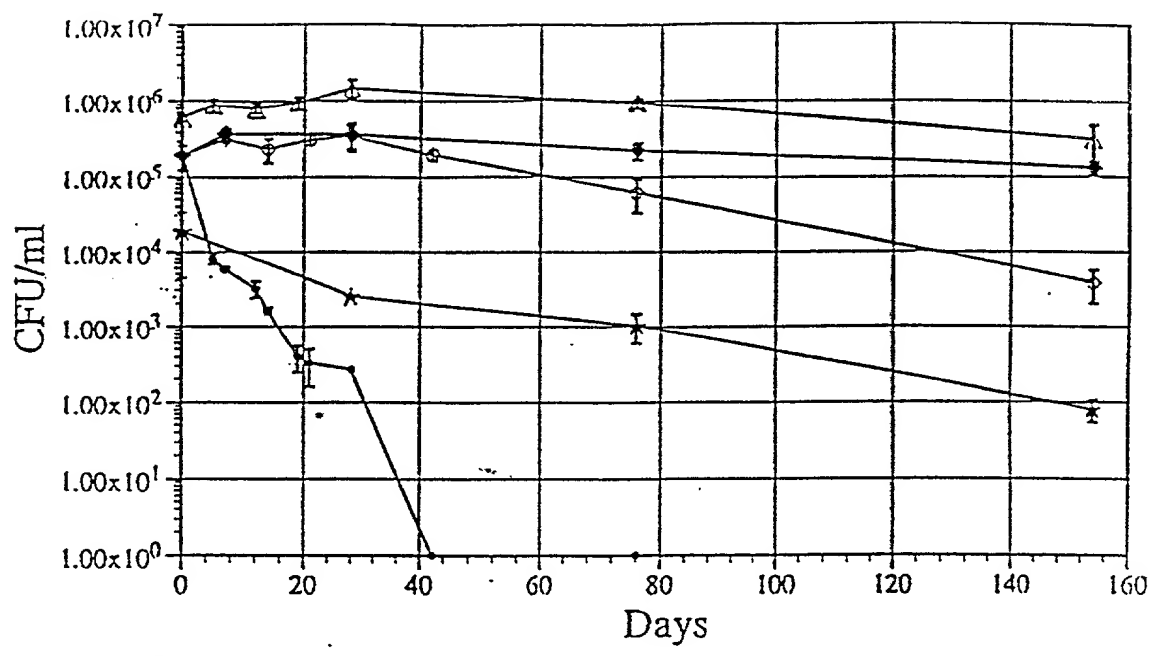
Formulation:

25mM Tris pH 7.2
60mM NaCl
1 mg/ml Arginine
5 mg/ml HSA
50 mg/ml Lactose

- -80°C Liquid
- -20°C Liquid
- ▽— -20°C Lyoph
- Refrig. Lyoph
- △— R.T. Lyoph

FIGURE 13

Mannitol Stability Study



Formulation:
25mM Tris pH 7.2
25mM NaCl
1 mg/ml Arginine
5 mg/ml HSA
40 mg/ml Mannitol

- △— -80°C Liquid
- ★— -20°C Liquid
- ◆— -20°C Lyoph
- Refrig. Lyoph
- R.T. Lyoph

FIGURE 14

Trehalose Stability Study

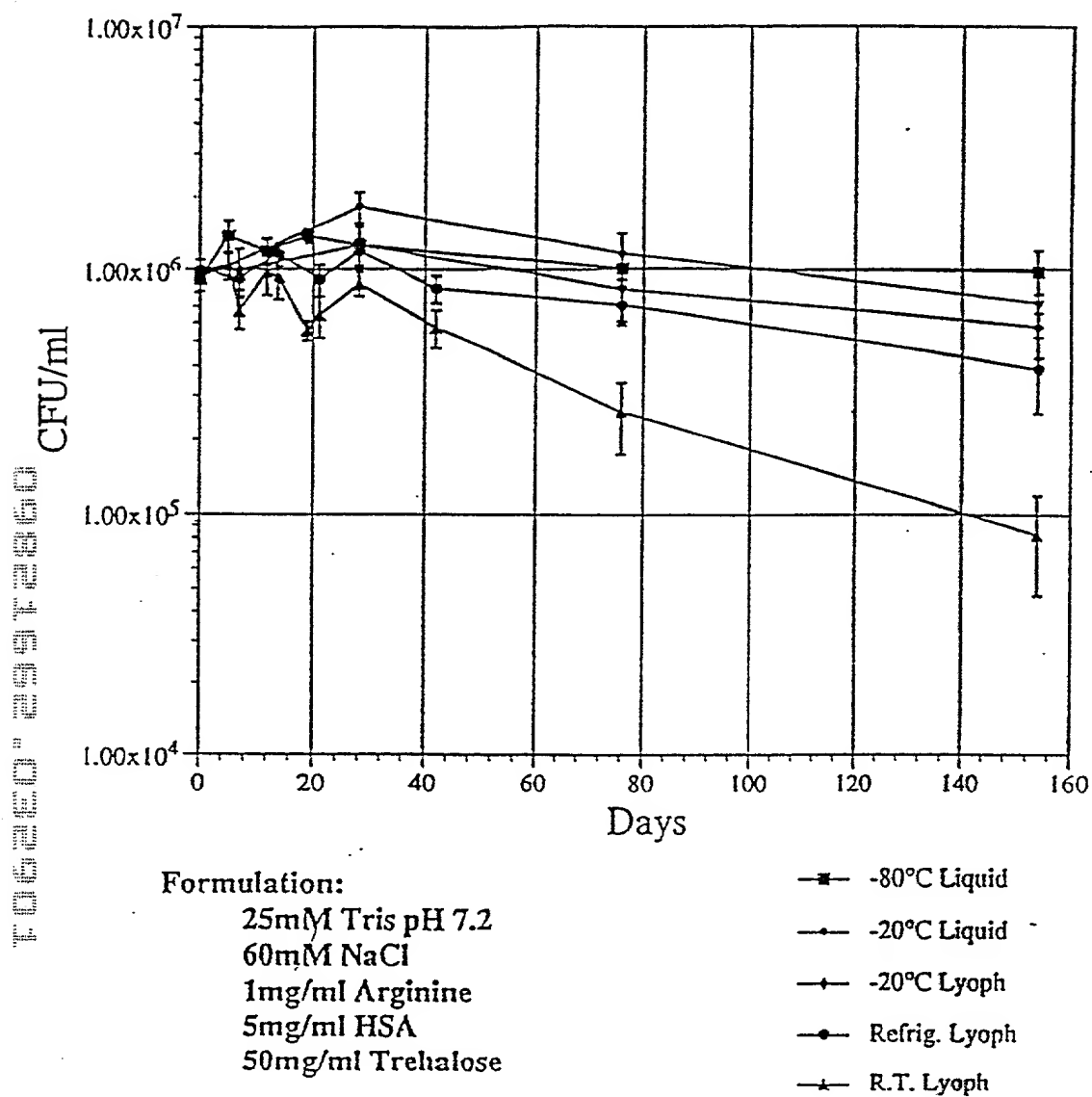


FIGURE 15

